**CURRICULUM VITAE**

Dr. Ahmada Khamis Ahmada (PhD)

BSC HN 2013 (Sokoine University of Agriculture, Morogoro, Tanzania), MSC 2017 (Kyungpook National University, Daegu, South Korea), PhD 2025 (Hebei Agricultural university, Hebei Baoding China).

Senior researcher: State University of Zanzibar (SUZA)



**PERSONAL PROFILE**

Name: Ahmada Khamis Ahmada

Gender: Male

Date of Birth: 17th January 1988

Place of Birth: Mnazi Mmoja, Zanzibar

Nationality: Tanzanian

National ID No. 19880117-71108-00001-25

Zan ID No: 520134836

Marital status: Married

Passport No.: TAE 158692

**CORE QUALIFICATIONS:** Excellent communicator, Skilled researcher and Effective time manager

**PROFESSIONAL SUMMARY**

I am currently a senior researcher at the state university of Zanzibar (SUZA) in the Department of Tropical research center for oceanography environment and natural resources (TROCEN), with a specialization in food engineering, nutrition and Food safety and processing. Drawing on a strong academic background and hands-on research experience, I focus on improving fermentation efficiency and enhancing food quality. I have presented research findings at academic conferences and contributed to scientific publications through collaborative research efforts. Proficient in advanced analytical techniques, I actively support innovation in food processing, safety, and health-related applications.

**CONTACT ADDRESS**

**Permanent Address:**

Official Address P. O. Box 146

State University of Zanzibar (SUZA).

Beitras, Zanzibar, Nkrumah Campus

**Contact No:**

Mob. +255788057396

**Email address:**[ahmadashilu@gmail.com](mailto:ahmadashilu@gmail.com) **or** [ahmada.a@suza](mailto:ahmada.a@suza).ac.tz

**EDUCATION**

**University Education**

Doctor of Engineering: Doctor of Philosophy in Food science and engineering (Hebei agricultural university 2025).

Master of science in Food security and agriculture development (Kyungpook National University 2017).

Bachelor of degree: BSc in Human nutrition (Sokoine university of agriculture 2013)

**School Education**

Advanced Secondary Education (A Level – Form V – VI) Ben-Mbella High school – Zanzibar (2008 – 2009).

Ordinary Secondary Education (O Level –Form IV) Jangombe Secondary School – Zanzibar (2004-2007). Secondary Education (Form I – Form IV).

**Primary education**

Primary School Education Jangombe Primary School (STD I- VII)) – Zanzibar (1996-2003)

**WORK EXPERIENCE**

# 2014-2015: I worked with the Ministry of Agriculture and Natural Resources under the Department of Food Security and Nutrition. During this period, I was involved in programs aimed at improving national food security, promoting sustainable agricultural practices, and enhancing nutritional outcomes for vulnerable populations. My responsibilities included data collection and analysis on food availability, supporting the implementation of community-based nutrition programs, and contributing to policy development and awareness campaigns on food and nutrition security.

**2015 – 2019:** Tutorial Assistant at kizimbani Agricultural Training Institute worked as Tutorial Assistant my responsibilities included: Giving academic tutorials under the supervision of the senior, assisting academic teaching and research and to do any other jobs/tasks as were prescribed by the Head of Department.

**2019 to 2024:** As Assistant Lecturer at the state university of Zanzibar (SUZA): My duties included: Giving lectures, tutoring and leading academic discussions; providing support materials, guidance and counselling and other services to students.

**2025 to date: Lecturer** at State university of Zanzibar (SUZA) working as a senior researcher my responsibilities included:

* Maintain laboratory equipment and research specimens.
* Develop competitive project proposals to attract projects to the center.
* Write research reports, academic journal articles, and present research findings to various stakeholders.
* Conduct research related to the environment, natural resources, and marine ecosystems.
* Prepare and publish research reports.
* Represent the center at meetings, conferences, and seminars related to research.
* Prepare work plans and quarterly reports for the center.

**RESERCH STUDIES**

National nutrition survey by smart methodology sponsor by Unicef and Tanzania Government conducted at 2014/2015.

Food intake and Nutrition status of the children age less than two years at North Unguja in Zanzibar 2013.

Study on Dynamic investigation of flavor profile and physicochemical characteristics of radish in wheat flour paste and paste sauce

**PUBLISHED RESEARCH & ARTICLES**

Kh, Ahmada Ahmada, Si Mi, Hongshuang Tian, Xinjun Xu, Abdullah A. A. Abdo, Hamzah Aleryani, and Xianghong Wang. "Evaluation of flavor characteristics in Chinese wheat flour paste using electronic‐nose, electronic‐tongue, and headspace‐gas chromatography‐ion mobility spectrometry at different fermentation stages." Journal of the Science of Food and Agriculture 105, no. 4 (2025): 2454-2465.  <https://doi.org/10.1002/jsfa.14017>.

Ahmada Kh, Ahmada, Abdullah AA Abdo, Sohail Khan, Hamzah Aleryani, Si Mi, and Xianghong Wang. "Advancing Pickling Techniques to Enhance Bioactive Compounds and Probiotic Content in Pickled Vegetables." Food Reviews International (2025): 1-27.Doi.org/10.1080/87559129.2025.2473009.

Ahmada Kh, Ahmada, Si Mi, and Xianghong Wang Deciphering the Role of Microbial Succession in Flavor Development of Wheat Flour Paste across Fermentation Stages (Food research international with journal administrator).

**SKILLS QUALIFICATIONS:**

Major skills include project conceptualization and development, programme management, monitoring and evaluation of Food and Nutrition project, Teaching and Training the different institution and groups in the community, conducting the national nutrition survey by smart methodology.

Additional skilled I was involved in the special training about **Sae-maul Undong and Rural development** at Kyungpook National University (KNU) and awarded certificate

**ADMINISTRATIVE APPOINTMENTS:**

* **Nutrition officer:** Ministry of Agriculture and Natural Resources/Department of Food Security and Nutrition (FSN). I was involved in program planning, monitoring and evaluation. Actively participate in funds mobilization for Food Security and Nutrition program.
* Also I was a Head of Nutrition surveillance system at food security and nutrition department and much engaged in the following areas to which I was interest and competence: -
* Facilitate Food Security and Nutrition training at National, Districts and shehia levels (villages)
* Promote infant and young child feeding and GMP activities
* Design and manage community based Food Security and Nutrition program
* Have adequate experience in establishing Monitoring and Evaluation and Early Warning Systems for Food security and nutrition program

# Currently: I am a senior researcher at Tropical research center for oceanography environment and natural resources (TROCEN),

**COMPUTER SKILLS:** Micro- soft offices, Internet Browsing, E-dro max, origin and SPSS program.

# LANGUAGES SKILLS

**Speaking Reading Writing**

# English Excellent Excellent Excellent Kiswahili Excellent Excellent Excellent

**REFERENCES**

Name: Mr. Sultan Abdalla Ramadhan

**Director:** Mpely furniture

**Phone no:** +255777437067

Name: Dr Mbarouk Juma Ali

**Director:** The State University of Zanzibar (SUZA)

**Phone no:** +255777277747

**Name:** Ms Mwanapili Khamis Mohammed

**Lecture:** Zanzibar electoral commission (ZEC)

**Phone no**: +255777857250